

# Notice of Allowability

Application No.

09/466,790

Examiner

Onuaku, Christopher

Applicant(s)

YOSHIMARU, AKITO

Art Unit

2615

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 6/18/03.
2. ☒ The allowed claim(s) is/are 7-11&13 (now renumbered 1-6 respectively).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

(Duplicate  
Clean-Copy)



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1459  
Alexandria, Virginia 22313-1450  
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#13

## NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 07/01/2003  
LAWRENCE E ASHERY  
RATNER & PRESTIA  
ONE WESTLAKES BERWYN  
SUITE 301 PO BOX 980  
VALLEY FORGE, PA 19482-0980

RECEIVED

JUL 18 2003

Technology Center 2600

EXAMINER

ONUAKU, CHRISTOPHER O

ART UNIT

CLASS-SUBCLASS

2615

386-001000

DATE MAILED: 07/01/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/446,790	03/20/2000	MASAJI UENO	MAT-7872US	2895

TITLE OF INVENTION: VIDEO SIGNAL RECORDING AND REPRODUCTION DEVICE AND VIDEO SIGNAL REPRODUCTION DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$0	\$1300	10/01/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS** FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

## HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

☐ Applicant claims SMALL ENTITY status.  
See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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## **DETAILED ACTION**

### ***Allowable Subject Matter***

1. Claims 7-11&13 are allowable over the prior art of record.
2. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 7, the invention relates to a video signal recording and reproduction device and a video signal reproduction device that processes component video signals and composite video signals.

The closes references applicant admitted prior art Fig.13 and Hatae et al (US 6,091,880) and wherein Hatae teaches a signal processing method for processing video signals.

However, applicant's admitted prior art Fig.13 and Hatae et al fail to explicitly disclose a video signal recording and reproduction device where the recording and reproduction device further comprises input signal switching means provided between one terminal selected from the first signal input terminal, the second signal input terminal and the third signal input terminal, the one terminal used for receiving the composite video signal for the YC separation means, switching means for inputting a component video signal input in the one terminal used for receiving the composite video signal and one of an out signal of the YC separation means and an output signal of the color difference decoding means, and outputting one of the signals input

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therein, and switching control means for outputting a signal for switching the input signal switching means and the switching means.

Regarding claim 8, the invention relates to a video signal recording and reproduction device and a video signal reproduction device that processes component video signals and composite video signals.

The closes references applicant admitted prior art Fig.13 and Hatae et al (US 6,091,880) and wherein Hatae teaches a signal processing method for processing video signals.

However, applicant admitted prior art Fig.13 and Hatae et al fail to explicitly disclose a video signal recording and reproduction device where the recording and reproduction device further comprises input signal switching means for outputting a signal input in one terminal used for receiving the composite video signal input terminal, to one of the YC separation means and video signal recording means, the one terminal is selected from the first signal input terminal, the second signal input terminal and the third signal input terminal and the switching control means for outputting a signal for switching the input signal switching means.

Regarding claim 9, the invention relates to a video signal recording and reproduction device and a video signal reproduction device that processes component video signals and composite video signals.

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The closes references applicant admitted prior art Fig.14 and Marumoto et al (US 5,774,190) wherein Marumoto et al teach an encoder for converting digital display signals into analog television signals.

However, applicant admitted prior art Fig.14 and Marumoto et al fail to explicitly disclose a video signal reproduction device where the reproduction device further comprises a switching means for inputting an output of the adding means and an output signal from among the luminance signal reproduction means, the first color difference signal reproduction means and the second color difference signal reproduction means, and outputting one of the signals input therein, and wherein one terminal among the luminance signal output terminal, the first color difference signal output terminal and the second color difference signal output terminal is used commonly as a composite video signal output terminal.

Regarding claim 10, the invention relates to a video signal recording and reproduction device and a video signal reproduction device that processes component video signals and composite video signals.

The closes references applicant admitted prior art Fig.14 and Marumoto et al (US 5,774,190) wherein Marumoto et al teach an encoder for converting digital display signals into analog television signals.

However, applicant admitted prior art Fig.14 and Marumoto et al fail to explicitly disclose a video signal reproduction device where the reproduction device further comprises a

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switch means provided between an output terminal of the color signal encoding means and an input terminal of the adding means for determining whether to add or not to add the carrier color signal of the color signal encoding means, and wherein the luminance signal output terminal is used commonly as a composite video signal output terminal.

Regarding claim 11, the invention relates to a video signal recording and reproduction device and a video signal reproduction device that processes component video signals and composite video signals.

The closes references applicant admitted prior art Fig.14 and Marumoto et al (US 5,774,190) wherein Marumoto et al teach an encoder for converting digital display signals into analog television signals.

However, applicant admitted prior art Fig.14 and Marumoto et al fail to explicitly disclose a video signal reproduction device where the reproduction device further comprises first switching means provided between an output terminal of the first color difference signal reproduction means and an input terminal of the color signal encoding means for turning on an off an output signal of the first color difference signal reproduction means, second switching means provided between an output terminal of the second color difference signal reproduction means and an input terminal of the color signal encoding means for turning on an off an output signal of the second color difference signal reproduction means, and output signal switching control means for controlling the first switching means and the second switching means.

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Regarding claim 3, the invention relates to a video signal recording and reproduction device and a video signal reproduction device that processes component video signals and composite video signals.

The closes references applicant admitted prior art Fig.14 and Marumoto et al (US 5,774,190) wherein Marumoto et al teach an encoder for converting digital display signals into analog television signals.

However, applicant admitted prior art Fig.14 and Marumoto et al fail to explicitly disclose a video signal reproduction device where the reproduction device further comprises means for controlling whether to add or not to add the carrier color signal output by the color signal encoding means.

### ***Conclusion***

3.. Any inquiry concerning this communication or earlier communications from this examiner should be directed to Christopher Onuaku whose telephone number is (703) 308-7555. The examiner can normally be reached on Tuesday to Thursday from 7:30 am to 5:00 pm. The examiner can also be reached on alternate Monday.

If attempts to reach the examiner by telephone is unsuccessful, the examiner's supervisor, Andrew Christensen, can be reached on (703) 308-9644.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

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or faxed to:

(703) 872-9314, (for formal communications intended for entry)

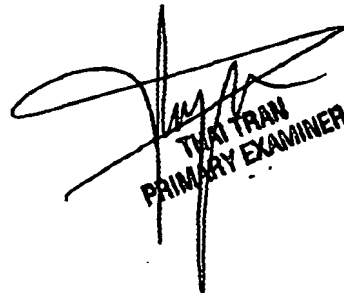
and (for informal or draft communications, please label "PROPOSED" or  
"DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive,  
Arlington, VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be  
directed to Customer Service whose telephone number is (703) 306-0377.

  
COO

6/27/03

  
THAI TRAN  
PRIMARY EXAMINER



June, 2003

Dear Patent Recipient

In a continuing effort to measure satisfaction with the patent process and performance standards, the United States Patent and Trademark Office (USPTO) is conducting the Patent Customer Satisfaction Survey for the eighth year. I am writing to strongly encourage your participation in this study.

The reverse side of this letter contains the survey questions. For those of you that have participated in past surveys, you will notice that we have drastically reduced the number of questions we are asking. Based on comments received, we are focusing this year's survey on three key areas:

- Written communications regarding the legal position of the examiner;
- Search; and
- Problem resolution.

**Survey Instructions**

The survey is voluntary. You were randomly selected to complete this survey from our database of customers who have recently received a patent in the **Computer Architecture, Software, and Electronic Commerce (2100)** technology area, either for themselves or on behalf of a client, in 2003. While we recognize that you may file patent applications in a variety of areas or receive multiple patents, we would like you to focus only on your experiences with the patent referenced in this mailing. Choose only one response for each question unless directed otherwise. A pre-addressed, postage-paid envelope is provided for you to return the completed survey.

Although this is a paper survey, you have the option of completing it electronically over the Internet. I encourage you to choose the Internet option.

To take the Internet survey, enter the URL <http://www.uspto.gov/surveys/surveyLogin.htm> and follow the directions below. If you respond to this survey using the Internet, please discard this paper survey.

1. Indicate which technology area this survey pertains to. The survey you have received pertains to: **Computer Architecture, Software, and Electronic Commerce (2100)**
2. Enter the User Name: **patents**
3. Enter the 8-digit Survey ID shown below

Survey ID:

09 446 790

4. Enter the password (case sensitive): **gXn886B**

Your prompt response to the survey, either by Internet or mail, is greatly appreciated.

**Confidentiality**

Be assured that all of your responses, either collected over the Internet or by mail, will remain confidential. Data will be used and published in summary format only. Because you are a valued customer to the USPTO, your opinions are very important to us and will be used to guide our future action planning.

**Use of Survey Results**

Based on the results of the previous surveys, we have implemented new initiatives to improve customer satisfaction and we have targeted others for implementation in the near future. Last year's survey results are available on the USPTO Web Page at "[www.uspto.gov/ecrs/csrdocument/csr2002.pdf](http://www.uspto.gov/ecrs/csrdocument/csr2002.pdf)".

**Questions?**

If you have questions about completing the survey, or comments about improving the survey process or instruments, please contact Martin Rater, USPTO Center for Quality Services, on 703-305-4220 or via email at [martin.rater@uspto.gov](mailto:martin.rater@uspto.gov).

Thank you in advance for your participation.

Sincerely,

M. A. D. R. G. N.

# **PART B - FEE(S) TRANSMITTAL**

Complete and send this form, together with applicable fee(s), to: **Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**Alexandria, Virginia 22313-1450**  
**Fax (703)746-4000**

**INSTRUCTIONS:** This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

**CURRENT CORRESPONDENCE ADDRESS** (Note: Legibly mark-up with any corrections of the BLOCK 1)

7590 07/01/2003

**LAWRENCE E ASHERY**  
**RATNER & PRESTIA**  
**ONE WESTLAKES BERWYN**  
**SUITE 301 PO BOX 980**  
**VALLEY FORGE, PA 19482-0980**

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## **Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/446,790	03/20/2000	MASAJI UENO	MAT-7872US	2895

**TITLE OF INVENTION:** VIDEO SIGNAL RECORDING AND REPRODUCTION DEVICE AND VIDEO SIGNAL REPRODUCTION DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$0	\$1300	10/01/2003

EXAMINER	ART UNIT	CLASS-SUBCLASS
ONUAKU, CHRISTOPHER O	2615	386-001000

- |  |   |
|--|---|
| <p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p> | <p>2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.</p> <p>1 _____</p> <p>2 _____</p> <p>3 _____</p> |
|--|---|

## **3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)**

**PLEASE NOTE:** Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) ☐ individual ☐ corporation or other private group entity ☐ government

### **4a. The following fee(s) are enclosed:**

- ☐ Issue Fee
- ☐ Publication Fee
- ☐ Advance Order - # of Copies \_\_\_\_\_

### **4b. Payment of Fee(s):**

- ☐ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

**NOTE:** The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.** SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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